

Horse Fire

CA-HUU-006254

Incident Action Plan

Operational Period

August 25th-August 26th, 2015

0700-0700



INCIDENT OBJECTIVES

1. INCIDENT NAME

Horse

2. DATE
PREPARED
08/24/20153. TIME
PREPARED
1730

4. OPERATIONAL PERIOD (DATE/TIME)

8/25 - 8/26 0700-0700

5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

Management Objectives

Provide for emergency responder and public safety.

Utilize appropriate strategy and tactics to ensure protection of wild and scenic values at risk.

Maintain positive working relations and communications with cooperators.

Reduce the potential for impacts to natural and cultural resources.

Keep costs commensurate with values at risk.

Control Objectives

Keep fire within existing perimeter.

6. WEATHER FORECAST FOR OPERATIONAL PERIOD

See attached.

7. GENERAL SAFETY MESSAGE

See attached.

8. ATTACHMENTS (X IF ATTACHED)

☒ ORGANIZATION LIST (ICS 203)☒ MEDICAL PLAN (ICS 206)☐☒ ASSIGNMENT LIST (ICS 204)☒ INCIDENT MAP☐☒ COMMUNICATIONS PLAN (ICS 205)☒ TRAFFIC PLAN☐

9. PREPARED BY (PLANNING SECTION CHIEF)

S. Griffis, Planning Section Chief

10. APPROVED BY (INCIDENT COMMANDER)

ORGANIZATION ASSIGNMENT LIST		
1. Incident Name HORSE		
2. Date 8/24/2015		3. Time 1830
4. Operational Period 8/25/2015 – 8/26/2015 0700 - 0700		
Position		Name
5. Incident Commander and Staff		
Incident Commander	Kevin Smith	
Deputy	Ron Bravo / Donna McCain (T)	
Safety Officer	Rick Griggs / Scott Hansen (T) Dan McNamara (T)	
Information Officer	Chris Christopherson / Suzy Brady (T) Johnny Miller (T)	
Liaison Officer	Pete Daly / Mike Urquides (T)	
Law Liaison	John Davis	
6. Agency Representative		
Agency	Name	
BLM	Tim Jones	
CDCR	Mark Ahlin	
Humboldt Co. OES	Dorie Lanni	
CCC	Hector Garcia	
CAL FIRE	Charlie Haines	
7. Planning Section		
Chief	Sean Griffis / Anale Burlew (T)	
Deputy	Steve Ward	
Resources Unit	Chris Carrera / Ryan Davis	
Situation Unit	Phillip Selegue / Jim Day (T)	
Documentation Unit		
Demobilization Unit	Dave Pucci	
Training Tech Spec	Cory Cisneros	
GIS Tech Spec	Darin McFarlin / Albert Lau	
Resource Advisor		
Incident Meteorologist	Shawn Weagle	
Fire Behavior Analyst	Scott Jones	
Damage Inspection		
Law Enforcement Tech	John Davis	
8. Logistics Section		
Chief	Mike Jarske / Alex Long	
Hired Equipment	Matt Sully	
Supply Unit	Amber Story / Nate Hoehn	
Facilities Unit	Rich Bohn	
Ground Support Unit	Owen Starkweather	
Communications Unit	Ken Parker	
Motel Tech Spec	Dennis Miranda	
Medical Unit	Baryic Hunter	
Food Unit	Suzanne Van Peeter	
Ordering Manager	Jack Story	

Chief	Brian Norton	
Deputy/Planning	Mike Parkes	
A.		
Branch Director		
Deputy		
Division/Group	A / D	Joe Palagyi / Bradley Lane (T)
Division/Group	K / P	Casey Deal / Diondray Wiley (T)
Division/Group	Fire Supp. Repair	Tim Meyers
Division/Group		
B.		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
C.		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
D.		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
E.		
Division/Group		
F. Staging		
Division/Group		
10. Finance Section		
Chief	Steve Hawks	
Deputy	Darren Dow	
Time Unit	Tiffany Tracy	
Procurement Unit	Evelyn Glenn	
Compensation/Claims Unit	Skip Sannar	
Cost Unit	Mike Kennefic	
Prepared by (Resource Unit Leader)		
Ryan Davis		

FIRE WEATHER FORECAST

FORECAST NO. 4

NAME OF FIRE: Horse Fire

PREDICTION FOR: Tuesday, August 25, 2015

UNIT: CA-HUU

TIME AND DATE

FORECAST ISSUED: 2000 Monday, August 24, 2015

SIGNED: 

Shawn Weagle

Incident Meteorologist

WEATHER DISCUSSION: Very little change is expected to the overall weather pattern today (Tuesday), with the depth of the marine layer remaining the most important factor in the weather across the fire area. Light onshore flow will continue to push cool marine air into the King Range drainages below 2,000 feet. However, the extent of low clouds is less certain, as the marine inversion is weakening offshore. If low clouds hold off, temperatures will be a little more uniform throughout the fire area than they have been the last couple days. More significant changes are expected to begin around Thursday, as a cold front approaches the Pacific Northwest and Northern California. Expect increasing southwest winds later this week as the front approaches, with a chance of rain developing as early as Friday.

TODAY (Tuesday):

WEATHER: Partly cloudy. Occasional low clouds and fog near the base of the fire.

MAXIMUM TEMPERATURE: *Above 2,000 feet elevation:* 75-79.

Below 2,000 feet elevation: 66-74...cooler closer to sea level.

MINIMUM RELATIVE HUMIDITY: *Above 2,000 feet elevation:* 30-35%.

Below 2,000 feet elevation: 50-60%...with higher values closer to sea level.

20 FOOT WINDS: South to Southwest 3 to 7 mph.

MARINE LAYER: 1,500 to 2,000 feet deep.

TRANSPORT WINDS: South to Southwest 7 to 14 mph.

LAL: 1.

CHANCE OF WETTING RAIN: 0%.

TONIGHT (Tuesday Night):

WEATHER: Partly cloudy. Occasional low clouds and fog near the base of the fire.

MINIMUM TEMPERATURE: *Above 2,000 feet elevation:* 60-65.

Below 2,000 feet elevation: Around 55.

MAXIMUM RELATIVE HUMIDITY: *Above 2,000 feet elevation:* 55-70%

Below 2,000 feet elevation: 80% or higher.

20 FOOT WINDS: Down-drainage less than 5 mph.

MARINE LAYER: 1,500 to 2,000 feet deep.

TRANSPORT WINDS: South 4 to 8 mph.

LAL: 1.

CHANCE OF WETTING RAIN: 0%.

OUTLOOK FOR WEDNESDAY THROUGH FRIDAY:

Gradually increasing clouds; becoming slightly cooler Thursday. A chance of rain as early as Friday afternoon, as a cold front approaches. Details on amounts remain uncertain. Expect increasing southwesterly flow ahead of the front, especially on the ridgetops. For Wednesday and Thursday, highs remaining in the 70s upper elevations and 60s lower elevations. Friday's highs are expected to be in the 60s throughout the fire area.

SHELTER COVE TIDES


First HIGH Tide: 0906 PDT (4.3 feet)

Second HIGH Tide: 2003 PDT (6.2 feet)

First LOW Tide: 1349 PDT (2.8 feet)

Second LOW Tide: 0316 PDT (0.1 feet)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 05	TYPE OF FIRE: Wildland Fire
FIRE NAME: Horse	OPERATIONAL PERIOD: 08/25 0700-0700
DATE ISSUED: 08/24/2015	TIME ISSUED: 2100
UNIT: HUU	SIGNED: 
	Printed: Scott Jones

INPUTS

WEATHER SUMMARY:

Partly cloudy, areas of low clouds and fog below 2,000'

DAYTIME

MAX temp 76° MIN RH 55 to 65% below 2000' 30 to 40% above 2000'

20 ft winds (MPH): South 3 - 7

Night

MIN temp 53° to 63° RH 80% or higher in the lower slopes and drainages: RH 60% upper slopes and ridges
Drainage wind less than 5 mph.

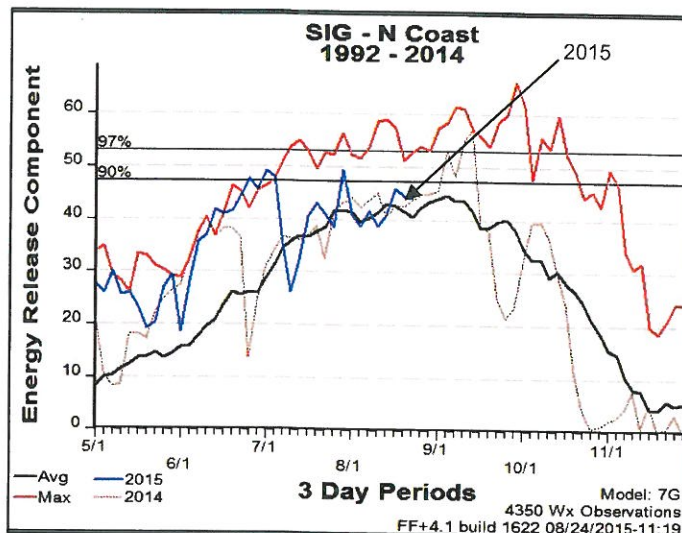
Probability of Ignition FOG Influenced 30% above the FOG 56%

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Since JAN (2014) Humboldt has been in fire season like conditions. Rain has been scarce and when it has come it has been in concentrated bursts. Local ERC are above average and as witnessed by fires in the area, fuels are receptive and will burn with increased intensity when in optimal alignment. Predicted Services is reporting that an increasing onshore flow will bring the areas most affected by marine conditions (northcoast) from the very dry category to the dry category. The cooler and more humid conditions will eventually move mid coast to Mendocino into the dry category, and the front moving expected on Friday and occasional light rain from the nearly stationary trough into next week could eventually bring light rain to the northern region.



SPECIFIC:

Branch I - III

Heat may still be present at the base of many of the larger snags, bedded in the root structure and within formed or forming cat faces. The DIV A / DIV P break experienced significant fuel consumption during the early burn periods. There are signs (based on the condition of aged snags) that this area was also heavily impacted during the Saddle Fire 88'. Expect ash blankets to be hot, maintain situational awareness for footing and overhead hazards.

The fire activity for the past four burn periods has been isolated to large down fuels and fire seated in or at tree bases. The fire edge mid slope is very jagged, this along with the steepness of the terrain has required an underslung line.

AIR OPERATIONS:

Air operations have been hampered by fog.

SAFETY

Much of the operations will be within a SNAG CORRIDOR created from previous burns. Use caution, ensure your footing is on cool ground and your overhead area is being monitored.



HORSE HEALTH AND SAFETY MESSAGE



We Are ALL accountable for SAFE behaviors

INCIDENT: Horse Incident – CAHUU006254

DATE: August 25, 2015 **TIME:** 0700-0700

Major Hazards and Risks: Fatigue, Steep Rugged Terrain, Complacency, Driving Hazards, Hazard Trees, Drought Stricken Fuels.

Driving: Keep your speeds down on all roads. Watch out on loose, dusty roads, unstable shoulders and fire debris. Be alert for opposing traffic on narrow dirt roads. Use headlights when driving in reduced visibility. Be alert for high speed civilian traffic. Wear your seatbelts!

Complacency: The strongest weapon against complacency is good leadership. Clearly communicate leader's intent, stay engaged and empower your subordinates. Motivation is the cure for complacency! Critical hours for injuries and accidents is between 14:00 and 18:00 hours; be especially alert during this period of time, don't let your guard down.

Fatigue: Monitor Personnel for Fatigue - Consider decreasing intervals for breaks and increasing time – This is a marathon; NOT a sprint! Hydrate with a 2 water to 1 electrolyte drink ratio. Monitor personnel for excessive fatigue.

Steep Terrain: Watch footing and maintain spacing, be alert for rolling debris. Fog is reactivating the retardant making for slippery conditions. Know your LCES at all times.

Stump Hole Ash Pits: Watch your footing, extensive stump hole ash pits are in the fire area.

Hazard Trees: Survey your work areas for hazard trees, flag and restrict access, use only qualified personnel for tree felling. Review and follow **Hazard Tree Safety**, pg. 22-23 in your IRPG.

Medical Evacuation: Understand and follow ICS 206 Emergency procedures. Understand your primary and contingency plans for medical evacuation prior to an event happening.

Lookouts, Communication, Escape routes, Safety zones

Planning For Medical Emergencies

Supervisors and all wildland firefighters need to ask and be able to answer the following three questions:

- 1) **What are we going to do if someone gets hurt?**
 - Is there personnel and equipment available to assist?
- 2) **How will we get them out of here?**
 - What is your best extraction and transport method? Road, helispot, hoist?
- 3) **How long will it take to get them to the hospital?**
 - Will you request air or ground resources?
 - Are helicopters able to fly?

All operational activities should be based upon these questions (IRPG pg. 82)

TAILGATE SAFETY


- **Accountability:** everyone checks in and everyone checks out. Supervisors know where their crews are at all times
- **Communication:** everyone knows and follows the communications plan
- **Briefing:** everyone knows the game plan, everyone knows the contingency plan. Documented on your ICS214
- **Safety gear:** everyone has the appropriate safety gear and in good working condition
- **LCES:** they are clear and made known to everyone
- **Medical:** follow the medical procedures found on the ICS206 in the IAP

Incident Safety Officer: Scott Hansen, SOF1-T

Incident Commander: Ron Bravo, DPIC



HORSE -INCIDENT RISK ANALYSIS (ICS 215a)
CA-HUU-006254

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none">• Drive defensively! Expect the unexpected around every curve• Maintain situational awareness when operating in limited visibility• Drive with headlights, increase following distances.• Slow Down! Narrow dirt roads with limited passing room- one way travel on some	
ALL	POTENTIAL FIRE BEHAVIOR	<ul style="list-style-type: none">• Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift• Fuels are drought stressed and unusually receptive-don't underestimate any fire• Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate• Adhere to 10 Standard Firefighting Orders, mitigate 18 Watch Out Situations• Maintain Situational Awareness	
ALL	FATIGUE	<ul style="list-style-type: none">• Be alert for signs of fatigue and take breaks as necessary.• Maintain 2:1 work/rest ratio• Monitor incoming resources for level of fatigue.• Maintain hydration and nutrition	
ALL	HYDRATION	<ul style="list-style-type: none">• Drinking water before, during and after shifts, up to 1.5 gal. per shift• Be alert for signs of heat stress in yourself and others	
ALL	HEAT RELATED ILLNESS	<ul style="list-style-type: none">• Review "Specific Treatments" section of the IRPG (pg 103) for heat illnesses signs and treatment. Watch coworkers for signs and symptoms• Take frequent breaks as needed and operationally feasible• Report any and all injuries to your Supervisor. Follow Medical Emergency Procedures as outlined on the ICS-206	
ALL	AIRCRAFT OPERATIONS	<ul style="list-style-type: none">• Keep personnel out of drop zones and Helispots• Use air-to-ground frequency to communicate with aircraft• Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective	
ALL	COMPLACENCY	<ul style="list-style-type: none">• Ensure clear leaders intent is understood by all. Provide strong leadership.• Maintain high standards and provide performance feedback to counteract complacency.• Don't let your guard down near the end of the mission, remain focused.	
ALL	SNAG HAZARDS / HAZARD TREES	<ul style="list-style-type: none">• Follow Hazard Tree Safety Guidelines (IRPG p. 22).• Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen• Be especially alert around snags during wind events• Maintain Situational Awareness	
ALL	MOP UP	<ul style="list-style-type: none">• Conduct thorough briefing for all personnel (inside rear cover IRPG)• Use all required PPE, including eye protection• Maintain proper spacing and overhead clearance• Be alert for stump holes and root cavities• Evaluate unburned islands/Increase situational awareness	
ALL	FOOT TRAVEL IN STEEP RUGGED TERRAIN	<ul style="list-style-type: none">• In steep and rocky terrain, watch footing and maintain proper spacing• Watch for over-head hazards• Be alert for ash pits and stump holes• Maintain downhill tool placement	
ALL	SAFETY ZONES	<ul style="list-style-type: none">• Follow safety zone guidelines are followed (IRPG p. 7)• Carefully evaluate burned areas before designation as safety zones due to spotty burning in numerous areas• When safety zones are distant from work site, set trigger points to allow personnel to reach them in a timely manner	
Incident Name: HORSE CA-HUU-006254 ICS 215a		DATE PREPARED: August 24, 2015 1600hrs Prepared by: Scott Hansen SOF1(T) 	OPERATIONAL PERIOD August 25, 2015 0700-0700

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A / D		
3. Incident Name Horse Fire			4. Operational Period Date: 8/25-8/26 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		B. Norton		Division/Group Supervisor		J. Palagyi / B. Lane	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
STC TGU 9251	M. Smith	19	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STC SKU 9261	R. Miller	18	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STG MEU 9115	B. Bishop	31	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STG TGU 9252	J. Rubi	33	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STG TUU 9472	J. Thompson	31	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-86	All Agency	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-119	Culp Christopher	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FALM	A. Claborn	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
SOFR	P. Selegue	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FEMP	N. Colonelli	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FEMP	S. Smith	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Mop up 100 percent. Pull hose. Backhaul, grid and patrol.							
8. Special Instructions Report to DP-1.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.3550 TX 159.3000 Tone 15	King NIFC	1 CDF C1	Command		King NIFC	
Tactical Div/Group	RX/TX 151.3775 Tone 16	King NIFC	5 CDF T13	Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC	14 CDF T25
Prepared by (Resource Unit Ldr.) C. Carrera		Approved by (Planning Sect. Ch.) S. Griffis		Date 8/24/15		Time 2100	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group K / P		
3. Incident Name Horse Fire			4. Operational Period Date: 8/25-8/26 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		B. Norton		Division/Group Supervisor		C. Deal / D. Wiley (T)	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
STC TGU 9250	B. Desmet	20	ICP 0700	0700	<input type="checkbox"/>	<input type="checkbox"/>	
STG CZU 9174	A. Cope	24	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STG LMU 9226	J. Walton	32	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
STG SKU 9262	K. Ohlau	33	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ E-45	AKM01252	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-115	HNK Ranch	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-120	D.A.V.E.	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
HEQB	M. Kidwell	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FEMP	D. Schwarting	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FEMP	J. Wooten	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Mop up 100 percent. Pull hose. Backhaul, grid and patrol.							
8. Special Instructions Report to DP-1 **Resource is 24 hour**							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.3550 TX 159.3000 Tone 15	King NIFC	1 CDF C1	Command		King NIFC	
Tactical Div/Group	RX/TX 154.2725 Tone 6	King NIFC	7 VFIRE 24	Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC	14 CDF T25
Prepared by (Resource Unit Ldr.) C. Carrera		Approved by (Planning Sect. Ch.) S. Griffis		Date 8/24/15		Time 2100	

<u>DIVISION ASSIGNMENT LIST</u>			1. Branch		2. Division/Group Suppression Repair 1 of 2		
3. Incident Name Horse Fire			4. Operational Period Date: 8/25-8/26 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		B. Norton		Division/Group Supervisor		T. Meyers	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
STG HUU 9122	B. Vonglakhone	33	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
CRW ORS Diamond Fire	M. Suffridge	16	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ E-40	Caldwell Logging	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-20	Willmore	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-30	AEU Tier 1	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-51	Doc's Inc	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-118	Golden State Fire	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-129	El Dorado Supp	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
WT E-133	Oilar Ag Serv	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
GRD E-105	Wylatti Resource	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
EXC E-191	Hiatt Logging	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
EXC E-259	Bud Garman Construction	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
EXC E-260	Sunrise Excavating	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Coordinate fire suppression repair with resource advisors.							
8. Special Instructions Report to Shelter Cove Road x Kings Peak Road. All resources are 12 hours.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.3550 TX 159.3000 Tone 15	King NIFC	1 CDF C1	Command		King NIFC	
Tactical Div/Group	RX/TX 154.3025 Tone 6	King NIFC	9 VFIRE 26	Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC	14 CDF T25
Prepared by (Resource Unit Ldr.) C. Carrera		Approved by (Planning Sect. Ch.) S. Griffis		Date 8/24/15		Time 2100	

<u>DIVISION ASSIGNMENT LIST</u>				1. Branch		2. Division/Group Suppression Repair 2 of 2	
3. Incident Name Horse Fire				4. Operational Period Date: 8/25-8/26 Time: 0700-0700			
5. Operations Personnel							
Operations Chief		B. Norton		Division/Group Supervisor		T. Meyers	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
EXC E-262	Sunrise Excavating	2	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
READ	G. Diridoni	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
READ	L. Grudzinski	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	D. Ahmadi	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	S. Collamer	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	D. Janssen	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	A. Klem	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	D. Schroeder	1	ICP 0700	1900	<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Coordinate fire suppression repair with resource advisors.							
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9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 151.3550 TX 159.3000 Tone 15	King NIFC	1 CDF C1	Command		King NIFC	
Tactical Div/Group	RX/TX 154.3025 Tone 6	King NIFC	9 VFIRE 26	Air to Ground	Rx/Tx 159.3525 Tone 16	King NIFC	14 CDF T25
Prepared by (Resource Unit Ldr.) C. Carrera		Approved by (Planning Sect. Ch.) S. Griffis			Date 8/24/15		Time 2100

AIR OPERATIONS SUMMARY

(Expanded Form for Large Operations)

OPERATIONAL PERIOD DATE: DATE: 08/25/15


START: 0800 END: 2000

1. INCIDENT NAME: HORSE		2. PREPARED BY: Frank Podesta		3. PREPARED: 08/24/2015	
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment., etc.): CAHUU006254 Eel River Helibase 40 08.513/ 123 48.827 Be aware of low hanging wires when flying in and around Eel River Camp General aviation flying out of the Garberville Airport (016) CTAF 122.9 All GPS data to be collected (degrees, minutes & decimal minutes) Keep track of water removed from local ponds, provide amount and Lat/ Long to Helibase Mgr.		SUNRISE: 0634 CUTOFF: 1932		SUNSET: 2002	
				5. TFR: 10000' msl Lat 40 08.80 / Long 124 04.80 5 nm radius FREQ 123.7250	

6. PERSONNEL	Phone	FREQUENCIES	AM	FM	8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Frank Podesta	(209) 419-4408	AIR/AIR FW:		164.1375	Air Tactical AA 120 RAAB (FOT)
ASGS: Jon Chin	(760) 250-6230	AIR/AIR RW:	123.7250		
ATGS: Brian Renner	(707) 499-2247	AIR/GROUND:	159.3525/Tac 25	TN 16 TX/RX	Lead planes: Request as needed thru
HEBM: Dave Ito	(530) 391-6583				AA
HLCO: Jim Gonzales/Bill Reid (T)		DECK:	163.100		
Rohnerville Air Attack Base	(707) 725-4572	COMMAND	CMD 1 TN- 15 RX: 151.3550 TX: 159.3000 TN-162.2 = TN-15		Airtankers: Request thru AA
Kneeland Helitack Base	(707) 444-2863	AIR GUARD	168.6250		
Eel River Helibase		TOLC	122.850		Other:

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
A-26 C902	II	BELL UH-1H	ELHB	0800	0900	Hoist / Initial Attack							
A-9 711GH	II	BELL UH1	ELHB	0800	0900	Restricted							
A25 617AC	III	BELL 407	ELHB	0800	0900	Recon / HLCO							

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name		Date/Time Prepared		Operational Period Date/Time			
				HORSE CA-HUU-006254		8/24/15 1800 hrs		8/25/15 0700 - 8/26/15 0700			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	TX Tone/NAC	Mode A, D or M	Remarks
1	COMMAND	CDF C1 T15	ALL DIVISIONS	151.3550 N		103.5	159.3000 N		162.2	A	TONE 15 - PRATT MT.
2											
3											
4											
5	TACTICAL	CDF T13	DIV A/D	151.3775 N		192.8	151.3775 N		192.8	A	TONE 16
6	TACTICAL	CDF T29	UNASSIGNED	151.3475 N		192.8	151.3475 N		192.8	A	TONE 16
7	TACTICAL	VFIRE24	DIV K/P	154.2725 N		156.7	154.2725 N		156.7	A	TONE 6
8	TACTICAL	VFIRE25	UNASSIGNED	154.2875 N		156.7	154.2875 N		156.7	A	TONE 6
9	TACTICAL	VFIRE26	SUPPRESSION REPAIR	154.3025 N		156.7	154.3025 N		156.7	A	FIRE SUPPRESSION REPAIR
10											
11											
12											
13	MEDICAL	CALCORD	ALL DIVISIONS	156.0750 N		156.7	156.0750 N		156.7	A	MED COORDINATION-TONE 6
14	AIR TO GROUND	CDF T25	ALL DIVISIONS	159.3525 N		192.8	159.3525 N		192.8	A	AIR TO GROUND - TONE 16
15											
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N			168.6250 N		110.9	A	EMERGENCY - TONE 1
17											
18											
19											
20	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N			168.6250 N		110.9	A	EMERGENCY - TONE 1
Prepared By (Communications Unit)				Incident Location HUU		County		State		Latitude Longitude	
KEN PARKER, COML 951-217-4482 										W	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

MEDICAL PLAN ICS 206 "IMT 5"		1. INCIDENT NAME Horse	2. DATE PREPARED 8/24/15	3. TIME PREPARED 1700	4. OPERATIONAL PERIOD 8/25/15 0700 - 0700			
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
I.C.P. Medical Unit		3850 Redwood Dr., Redway, CA 95560			X			
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME	LOCATION	PHONE	PARAMEDICS					
			YES	NO				
Air Ambulance (Reach 18)	1320 Poppy Dr., Willits, CA	1-800 622-4045	X					
Cal Fire H-902 (Daytime Hoist)	Horse/Humboldt Complex Helibase	(858) 353-6261		X				
C.N.G. Guard 825 (24 Hour Hoist)	Redding Airport, Redding, CA	(530) 225-2411	X					
C.H.P. H16 (Daytime Hoist)	Redding Airport, Redding, CA	(530) 225-2040	X					
B. INCIDENT AMBULANCES								
NAME	LOCATION	PARAMEDICS						
		YES NO						
Shelter Cove Unit 5171/REM Unit 5175	(D.P. 5 Area) Tolkamp Campgrounds	X						
City Ambulance	814 Redwood Dr., Garberville, CA	X						
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
Med Net Channel		AIR	GRND		YES	NO	YES	NO
Phelps Community	733 Cedar St., Garberville, CA	N/A	15Min	(707) 923-3921		X		X
Redwood Memorial	3300 Renner Dr., Fortuna, CA	N/A	45Min	(707) 725-4562		X		X
Mercy Hospital Level II Trauma Center	2175 Rosaline Ave., Redding, CA	40Min	1Hr	(530) 225-7201	X			X
UC Davis Medical Ctr. Level I Trauma & Burn	2315 Stockton Blvd., Sacramento, CA	1.5Hr	6Hr	(916) 734-3790	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
EMERGENCY FREQUENCY: LINE EMERGENCY: Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. <ul style="list-style-type: none"> Division/Group Supervisor contacts: <ol style="list-style-type: none"> Closest EMS resource Communications Unit Communications Unit contacts: <ol style="list-style-type: none"> Ground or Air ambulance as requested Operations Safety Medical Unit Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency CALCORD should be used for IW1 and only for duration of need. Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. CAMP EMERGENCY: Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident: <ul style="list-style-type: none"> Medical Unit contacts: <ol style="list-style-type: none"> Communications Safety Logistics Operations Crew Supervisor Comps/Claims 					INJURY REPORTING PROCEDURES NATURE OF INJURY _____ LOCATION OF PATIENT _____ POINT OF CONTACT _____ TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS AN EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE ___ FEMALE ___ ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.			
ICS 206 (Rev 03/12)		9. PREPARED BY: (Medical Unit Leader) Baryic Hunter MEDL			10. REVIEWED BY: (Safety Officer)			

CAL FIRE INCIDENT MANAGEMENT TEAM 5



Division / Group Supervisor Operational Period Expectations



Your participation as a Division Group Supervisor is a key component of the success of Incident Management Team 5. While serving as a member of this team we expect you to meet the following expectations.

- Provide Leadership and Supervision
- Implement and think safety at all times
- Maintain situational awareness at all times
- Be creative and look for solutions to problems
- Attend briefings
- Obtain a thorough briefing from a team member of the Operations Section
- Complete and turn in your ICS-215 information by 1400 each day
- Complete shift tickets for all hired equipment
- Participate and debrief daily with the Finance Unit when in Cost Apportionment
- Debrief with the Plans Section after each operational period
- Provide accountability for all line personnel
- If available provide GPS data to the Situation Unit by established deadlines
- Monitor work progress
- Backhaul all trash and supplies
- Release resources as the job is completed



CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/owner.

Fireline personnel- (During mop up operations)

- Use Pencil Hose and Garden Nozzles with Shut-Offs.
- Use Back pumps.
- Use Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely.
- Locate/Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline.

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind etc.).
- Consider use of tertiary or treated water.

Aviation Operations-

- Consider use of Gels, Foams and Retardants. Set up portable plants.
- Consider using Blivits and Pencil Hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops.

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, ICS-214, IMT5 Water Usage Reports) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Note locations on incident map.
- Use alternative or reclaimed water sources when available. Note locations on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Consider complexity of water use on incidents. Consider establishing a Water Supply Group Supervisor to coordinate additional resources to support the incident needs when necessary.
- Complete the Water Usage Report daily and turn in to Finance.
- Review this check list and brief daily.



INCIDENT MANAGEMENT TEAM

WATER USAGE REPORT

DATE: _____

Division / Group: _____

RESOURCE / VENDOR ID: _____ REQUEST # _____

I.e., Strike Team 1110C, Acme Water Tenders

WATER SOURCE LOCATION	Source (Hydrant, Pond, Tank, Other)	Gallons Used	Property Owner / Contact Number**

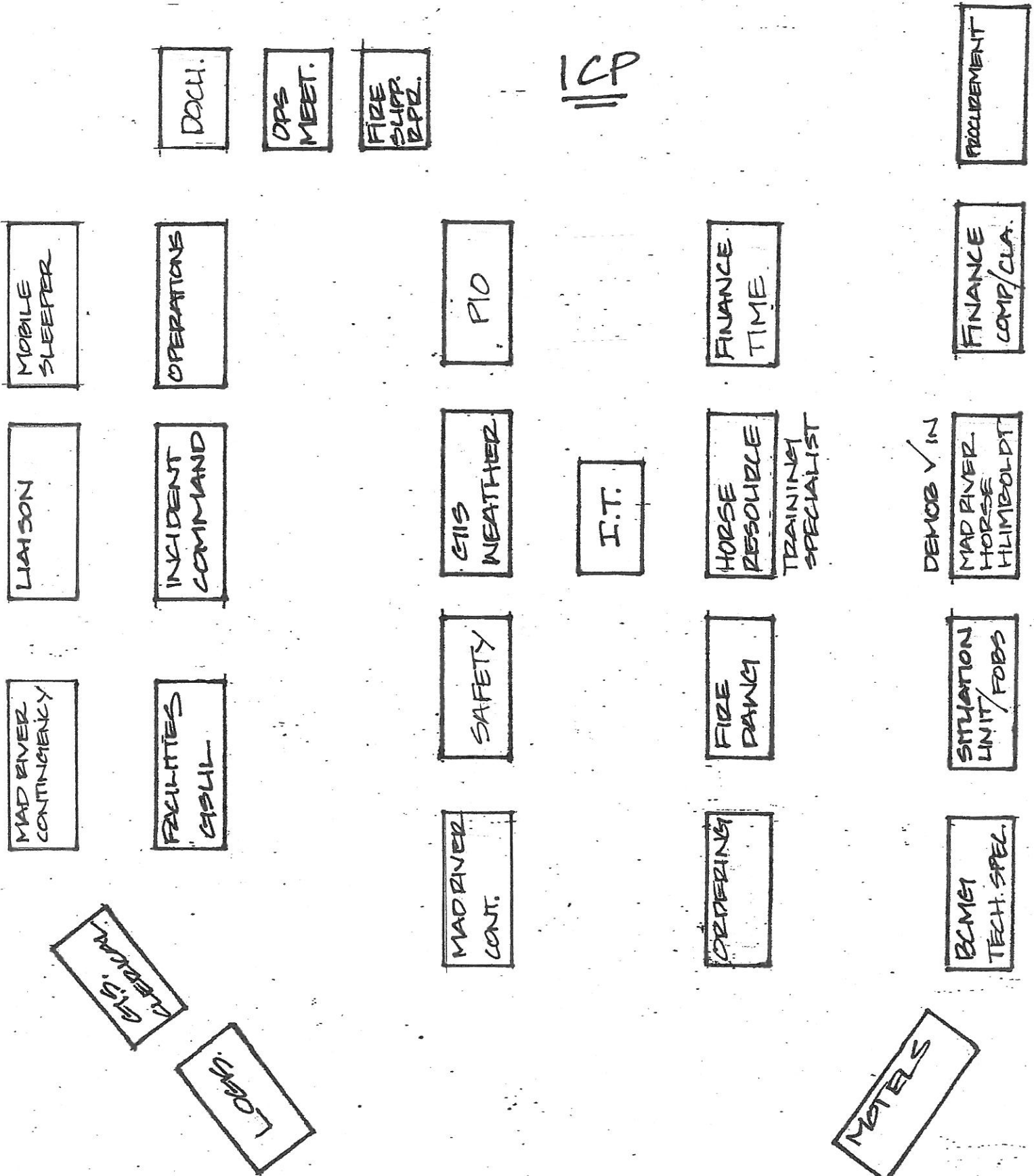
TURN INTO FINANCE DAILY

**** Please note PROPERTY OWNER AND CONTACT NUMBER! (Use reverse side if needed.)**

The intent of this document is to track, record and validate the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.

OVERHEAD PARKING

PG. 2



Horse Fire

Demobilization Plan

CA-HUU-006254

August 21st, 2015

Supervisory personnel are to identify resources excess to the needs of the incident at the earliest opportunity. If possible, this should be done within 36 hours in advance of a proposed release by filling out a General Message Form (ICS 213) or Declaration of Excess Resource Sheet. Please include name, request number, date, ETD, ETA, and if available for reassignment. By definition, surplus personnel are available for release if they have met the 2:1 work rest requirements, have rested for a minimum of 8 hours.

Section Chiefs will approve all excess resource lists and the lists will be forwarded to the Resources Unit for processing. Operational resource excess lists shall be prepared by the Planning Section and approved by the Planning Section Chief.

The release priorities are:

- Local Government
- OES
- Hired Equipment
- Cooperating Agencies
- Federal Resources
- CAL FIRE Resources

The needs of the incident and off-incident issues may necessitate the modification of these priorities in certain cases.


Information concerning surplus resources will be forwarded to the Humboldt-Del Norte Unit expanded dispatch by the Demobilization Unit (with ECC Support Team at incident). This information will include the resource name, request number, ETD, and ETA. Additionally, the availability of the resource for a new assignment will be provided.


All government vehicles and hired equipment must be safety inspected prior to release. Safety inspections shall be coordinated with the Ground Support Unit Leader. All deficiencies will be corrected prior to departure for home unless agency head signs a waiver of inspection.


Surplus resources lists will be posted within the ICP and at the Demobilization Unit with a schedule for resources to pick up the checkout form (ICS-221) at the Demobilization Unit and begin the checkout process. Finance will be the final stop prior to returning to the Demobilization Unit. All resources must complete the demobilization process. Once the ICS-221 has been completed and returned in to the Demobilization Unit, the resource will be released from the incident to home, re-assigned to another incident, or held as directed by Northern Region Operations Center (North-Ops).

All Resources will meet any agency-specific and/or DMV rest requirements before demobilizing from the incident. The operator must be rested prior to driving. A resource encountering a delay enroute will contact the appropriate home unit or incident.


APPROVED:



Incident Commander

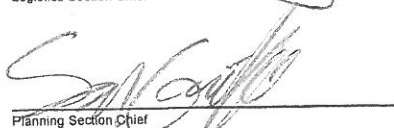

Safety

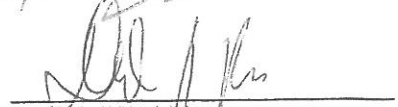

Operations Section Chief


Finance Section Chief


Logistics Section Chief


Expanded Dispatch Supervisor


Planning Section Chief


Demobilization Unit Leader

PUBLIC INFORMATION SECTION

Incident Information Line: (925) 588-9192

MEDIA - The California State Penal Code Section 409.5(d) allows the media to enter scenes of disaster, riot, or civil disturbance. Properly identified members of the media should not be restricted from entering locations specified within the code. However, this does not include crime scenes, and does not imply that the media may interfere with incident operations while they are in the areas of concern. If entering such a location that is hazardous, they should be advised; media access cannot be prevented for safety reasons unless their presence would impede CAL FIRE's mitigation of the incident or the disturbing of evidence.

- Media is not permitted on private property without the property owner's permission.
- When approached and questioned by the media and or the public, talk about your assignment or task at hand.
- Do not speculate or give opinions
- There is no such thing as an "off the record" comment.
- Direct questions if needed to the incident PIO.

CAL FIRE SOCIAL MEDIA POLICY, Social Media 0691 – Social Media is increasingly being used by public agencies, the media as well as the public. This form of communication continues to grow rapidly in order to supply the instant gratification needs of society. Therefore when on a CAL FIRE incident you will adhere to the CAL FIRE Social Media Policy, 0691. You can get further information about the CAL FIRE Social Media Policy from the Information Section.

There will be no posting of:

- Inappropriate information or materials
- Opinions
- Endorsements
- Inappropriate pictures or videos
- If you are uncertain contact the incident PIO.

PICTURES AND VIDEO OF INCIDENT – We are in a new era of media. Media no longer means the news/broadcast industry but now refers to anyone that has the capability to shoot video and or photographs and post them onto social media in a matter of minutes. Unfortunately we have seen some instances of video or photographs that have depicted unsafe, unprofessional or embarrassing circumstances which are a serious breach of ethics. When this happens it reflects poorly on all that are attached to this incident. Posting an inappropriate video, photo or blog comment could have unwanted effects. It may be unsafe to shoot photos or video and a firefighter who is concentrating on a camera can't be looking up, down and all around.

LOST AND FOUND – The Information Section will manage Lost and Found items for the incident. If you have lost an item leave your contact information and what you have lost at the Information Section. If you have found an item on the incident bring the item to the Information Section with your contact information as well.

MAIL SERVICE – The Information Section will assist you in getting items mailed from the incident as well as receiving items whether it is letters or packages.

Finance Me\$\$age

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift					Fireline Builders	
Incident or Project Name Horse		Incident Number CAHUU 006254		Request Number E or S # Here		Operator #1 Rick James
Agreement Number Obtain from vendor's agreement				Operator #2 Operator Furnished By:		
Equipment Make Deere		Equipment Model / Type Excavator 490D		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Operating Supplies Furnished By:		
Serial Number 6LN3344		Licence Number		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Equipment Status		
Equipment Use (Circle) Hours / Days / Miles				<input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor		
Date Mo / Day	Start	Stop	Work	Assignment		
8/25	0001	0700	7	Off Shift		
8/25	0700	1900	12	Division B		
8/25	1900	2400	5	Off Shift		
Vendor Rating				Govt. Rep. Name and Position - PRINT		
Poor* Avg. Good Exc. N/A Vendor Rating must be done.				Mike Weber Govt. Rep. Signature <i>Mike Weber</i> Contractor Signature <i>Rick James</i> Date 08/26/15 Time 0700		
Met Performance Expectations Equipment in Safe Working Condition Operator Skill Level Operates Safely Operator's Cooperation Level Overall Performance				Remarks/Comments ** 1 Operator		
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						CALFIRE 297 (Rev 3-2011)

Pink - Finance

Blue - Home Unit HE Coordinator

Yellow - Vendor

White - Govt Representative

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift					H2O Delivery	
Incident or Project Name Horse		Incident Number CAHUU 006254		Request Number E or S # Here		Operator #1 Don Jones
Agreement Number Obtain from vendor's agreement				Operator #2 Operator Furnished By:		
Equipment Make INTERNATIONAL		Equipment Model / Type Water Tender 2000 gpm		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Operating Supplies Furnished By:		
Serial Number 1H9HRPCA24H4575556		Licence Number 4MPN555		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Equipment Status		
Equipment Use (Circle) Hours / Days / Miles				<input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor		
Date Mo / Day	Start	Stop	Work	Assignment		
8/25	0001	0700	7	Off Shift		
8/25	0700	1900	12	Division B		
8/25	1900	2400	5	Off Shift		
Vendor Rating				Govt. Rep. Name and Position - PRINT		
Poor* Avg. Good Exc. N/A Vendor Rating must be done.				Mike Weber Govt. Rep. Signature <i>Mike Weber</i> Contractor Signature <i>Don Jones</i> Date 08/26/15 Time 0700		
Met Performance Expectations Equipment in Safe Working Condition Operator Skill Level Operates Safely Operator's Cooperation Level Overall Performance				Remarks/Comments ** 1 Operator		
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						CALFIRE 297 (Rev 3-2011)

Pink - Finance

Blue - Home Unit HE Coordinator

Yellow - Vendor

White - Govt Representative

Steve Hawks - Finance Section Chief

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
PROPERTY CERTIFICATION OF LOCATION OR DAMAGE
CERTIFICATE OF RESPONSIBILITY FOR INCIDENT OCCURRENCE
CAL FIRE-101 page 1 of 2 (1/07)

NOTE: This form must not be used to certify lost, stolen or worn out property. A STD 152 Property Survey Report must be completed.

DOC. NUMBER:

LOCATION / INCIDENT NAME:

INCIDENT NUMBER:

UNIT:

REGION:

DATE:

THE FOLLOWING ARTICLES WERE: (broken, left on line, damaged, or other)

DATE OF OCCURRENCE:

QUANTITY

UNIT OF
MEAS.

CAL FIRE STOCK NUMBER
(COMPLETE WHENEVER ASSIGNED)

DESCRIPTION
(INDICATE SIZE, MAKE, MODEL, TYPE, ETC.. TO CLEARLY DESCRIBE THE ITEM,
PROVIDE ADEQUATE DATA TO EFFECTIVELY IDENTIFY EQUIPMENT OR
PROPERTY.)

PROPERTY
NUMBER

LOCATION OF ITEMS:

REMARKS:

SIGNATURE OF PERSON CERTIFYING OCCURRENCE AS DESCRIBED

SIGNATURE:

PRINTED NAME:

TITLE:

DATE:

UNIT SUPERVISOR'S APPROVAL

COMMENTS:

SIGNATURE OF UNIT ADMINISTRATOR:

TITLE:

DATE:

ACTIVITY LOG (ICS 214)

[illegible]

ACTIVITY LOG (ICS 214)

[illegible]